

CURRICULUM CHECK SHEET

August 2023

The program of courses listed below satisfies the ABET accreditation criteria of 30 credits of mathematics and basic sciences, and 45 credits of engineering topics. Any deviations must be approved by the student's advisor, department chair, and dean. The University General Education Core and graduation requirements for Engineering are included.

ALL COURSES MUST BE TAKEN FOR LETTER (A-F) GRADES

LOWER DIVISION											
FRESHMAN						SOPHOMORE					
Eng 100 (FW)	3		Math 242	4		Math 243	3		Math 244	3	
Math 241 (FQ)	4		Phys 170 (DP)	4		Phys 272 (DP)	3		Math 302	3	
Chem 161 (DP)	3		Phys 170L (DY)	1		Phys 272L (DY)	1		Math 307 or Math 311	3	
Chem 161L (DY)	1		Chem 162 (DP)	3		EE 211	4		CEE 271 or ME 271	3	
FG	3		EE 160 or ICS 111	4		CEE 270	3		EPET 201/ME 201	3	
						FG	3				
H Focus (1)			E Focus (1)			O Focus (1)			W Focus (5)		
UPPER DIVISION											
ME 311	4		ME 322	4		ME 424	3		TE	3	
ME 331	3		ME 360, Math 407 or Phys 305	3		ME 451	3		TE	3	
ME 371 or CEE 370	3		ME 419	4		EPET 401/ME 401	4		DH or DL	3	
ME 375	4		EPET 400/ME 400	4		TE	3		DS	3	
EPET 301/ME 301	4		COMG 251 (DA)	3		Econ 120, 130 or 131(DS)	3				

TE: TECHNICAL ELECTIVES (9 credits)

• The following required courses for ME, namely, ME 341, ME 372, ME 422, ME 433, ME 434, ME 435, ME 446, ME 448, and PHYS 274, can be taken as TE for Aerospace Engineering Concentration.

• ME 400-level technical electives related to aerospace topics (with approval from Dept. Chair)

• ME 626, ME 671, and other ME 600-level courses related to aerospace topics (with 3.00 GPA minimum and approval from Dept. Chair)

NOTES

1. Refer to General Education Requirements in UHM Catalog for Diversification (DH, DL, DS) and Foundation (FG) Courses.
2. Math 251A/252A/253A may substitute for Math 241-244.
3. Chem 181/181L or Chem 171/171L may substitute for Chem 161/161L and Chem 162.
4. Writing Intensive (W) required - 5 courses (minimum of 2 in upper division).
5. One course each required for Hawaiian, Asian & Pacific Issues (H), Oral Communication (O) and Contemporary Ethical Issues (E).